SCAN — South Carolina Community Assessment Network
S.C. Department of Health and Environmental Control

"A Gateway to South Carolina DHEC's Health Statistics"

SCAN URL:
http://scangis.dhec.sc.gov/scan/

About SCAN:
SCAN provides interactive, real-time access to public health statistics online. Users can tailor information to their specific needs from one of the available datasets and produce tables, maps, charts, trend-lines, and bar charts accordingly. Users have flexible options in choosing the information and output, including the following:

- Users may "drill-down" into a dataset in order to get more specific with certain types of data.
- Statistics can be expressed as frequencies, crude rates, age-adjusted rates, or percents.
- Spatially, statistics can be tallied by ZIP Code, county, or health districts.

SCAN datasets are updated as new years of data become available. Also, SCAN's online help provides examples, definitions, FAQ's, and links to aid the user.

How to get to the SCAN homepage:
- On the DHEC homepage (http://www.scdhec.gov) there is a heading "Quick Links"
- Under this heading you will find a link to "South Carolina Community Assessment Network (SCAN)". Click on this.
- This link will take you directly to the SCAN homepage.
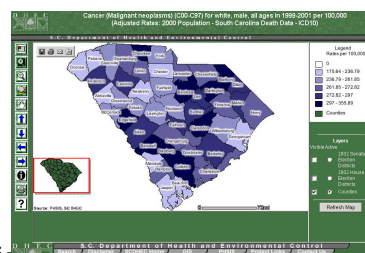
What is GIS?
Geographic Information System (GIS) provides spatial analysis and visual presentation of information. GIS provides SCAN with an illustrative media to distribute information, interactive maps. Informative maps allow users to easily assess health statistics in an area. SCAN maps also allow the user to overlay other information, such as health facilities, onto the map for additional analysis.

Current Modules:
- Birth (1990-2003)
- Population (1990-2004)
- Death ICD-9 (1990-1998)
- Death ICD-10 (1999-2003)
- Pregnancy Risk Assessment Monitoring System (PRAMS) (1993-2003)
- Pregnancy (1990-2003)
- Fetal Deaths (1989-2003)
- Minority Health Disparity Initiatives Database
- Mother's Health and Lifestyle (1989-2003)
- Infant and Child Health (1989-2003)
- Infant Mortality (1989-2003)
- Cancer Incidence (1996-2000)
- Childhood Lead Surveillance (1999-2004)
- Live Birth/Infant Death Cohort (1989-2002)

Information for these datasets originates from the following datasets: birth certificates, death certificates, fetal death reports, abortion reports, the US Census Bureau (for the population dataset), PRAMS surveys, and cancer registry data.
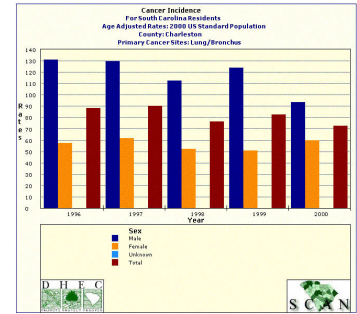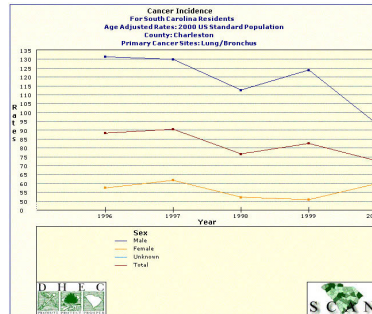
SCAN Output Formats
Scan has been designed to produce not only tables and maps, but bar charts and trend lines as well.

Modules in Development: Update of SCAN
Modules in Conceptual Phase: BRFSS, Immunization, and Point-Level Mapping

Additional Mapping Applications:

Interactive Map Services
Accessible from the Biostatistics webpage, online map services allow public users to review South Carolina geographic information in accordance to their information needs.

Main page lists all available map

Aerial Images

Driving Directions

Available data layers include SCAN datasets, emergency shelters, health facilities, health departments, health districts, Death/Cancer/Teen Pregnancy statistics at ZIP code level, satellite and aerial images, roads, community information/infrastructure, interstates, city boundaries, ZIP codes, and more…

SC Hurricane Shelter Application
URL: http://scangis.dhec.sc.gov/dhecshelters/
This application is an online tool for managing official hurricane shelters during an evacuation. It is a collaborative effort between DHEC, DSS, and the American Red Cross. Also available is a public page that provides mapping and driving directions to nearest open shelters.

Login Page includes link for public

Shelter functionality for emergency personnel

Driving directions for public users